| POSITION 2                | INITIALS | ID NO. | DATE     |
|---------------------------|----------|--------|----------|
|                           |          | •      |          |
| FEE DETERMINATION         |          |        | · ·      |
| O.I.P.E. CLASSIFIER       |          | 25     | 02-16-00 |
| FORMALITY REVIEW          |          |        |          |
| RESPONSE FORMALITY REVIEW |          |        |          |

## **INDEX OF CLAIMS**

| ~ | Rejected                   | N | Non-elected  |
|---|----------------------------|---|--------------|
| = | Allowed                    | 1 | Interference |
| _ | (Through numeral) Canceled | Α | Appeal       |
| ÷ | Restricted                 | 0 | Objected     |

|     | F        |          |              |          |            |           | ÷  |           |               |              |              | ••••     | ••••• | 1             | Hestr    | icte      | נ         |              |          | U            | •••      | ••••   |          | ••• |
|-----|----------|----------|--------------|----------|------------|-----------|--|-----------|---------------|--------------|--------------|----------|-------|---------------|----------|-----------|-----------|--------------|----------|--------------|----------|--|----------|-----|
|     | CI       | aim      |              |          |            |           | Da   | ite       |               |              |              |          |       | Cla           | aim      |           | _         |              | Da       | ate          |          | _  | _        | _   |
|     | Final    | Diginal  | 9 7 8        | ユヨロ      | 12/19/01/1 | ,         |  |           |               |              |              |          |       | Final         | Original |           |           |              |          |              |          |  |          |     |
|     | 7        |          | N            | V        | 2          | _         |  | _         | L             | $\bot$       | $oxed{oxed}$ |          |       | L             | 51       | $\perp$   |           |              | 1        | Ļ            |          | L  | L        | I   |
|     | Z        | 2        | Ħ            | 1        | 1          | ┞-        | ╀  | ╄         | ╄             | 1            | ╄            | ↓_       | -     |               | 52       | _         | -         | _            | 1        |              | $\perp$  | ╄  | L        | ļ   |
|     | 3        | -3       | Ħ            | Щ.       | 1          | ╄         | 1  | ┞         | ↓_            | _            | ╄            | ↓_       | 1     | _             | 53       |           | ╀         | 4-           | 4_       | 4            | ↓_       | _  | <u> </u> | ļ   |
|     | Ű        | 5        | Ħ            | ₩        | ⊬          | ╀         | ╀  | ╀         | ╁             | ╀            | ╀            | -        | ┨     | -             | 54<br>55 | +         | +         | +-           | +        | +-           | ╁        | ┼-   | ╁        | ╀   |
|     | 7        | 6        | $\mathbb{H}$ | -        | -          | ┝         | ┼  | ┿         | ╁╌            | +-           | ╀            | ╀        | 1     | -             | 56       | +         | +         | +            | ╀        | +-           | ╀        | +  | ╀        | +   |
|     | 7        | 7        |              | H        | ╫          | H         | +  | +         | +             | +            | ╁            | ╁╌       | 1     | -             | 57       | +         | +         | +-           | +        | +            | +        | ┼  | ╁        | ł   |
|     | Ŕ        | 8        |              | t        | ¥          | ┢         | ┢  | ╁         | ╁             | ╁            | ╁            | $\vdash$ | 1     | $\vdash$      | 58       | ╅         | +         | +            | ╁        | ╁            | ╁        | +-   | ╁╌       | t   |
|     | ۲        | 3        | 1            | Ť        | Ť          | H         | H  | $\dagger$ | t             | T            | +-           | 十        | 1     | $\vdash$      | 59       | +         | +         | +            | +        | 1            | +        | $\vdash$   | ╁        | t   |
|     | 4        | 10       | H            | V        | =          | 1         | <del>                                     </del> | ╁         | 1             | <del> </del> | ╁            | T        | 1     | Г             | 60       | $\dagger$ | $\top$    | +            | 1        | +            | $\top$   | $\vdash$   | T        | t   |
|     | r        | N        | $\Pi$        |          |            |           |  | İ         | T             |              | T            | T        | 1     |               | 61       |           | $\dagger$ | T            | T        |              | T        | <del>                                     </del> | T        | T   |
|     | 10       | 12       | ¥            | 7        | 1          |           |  |           |               | T            |              |          | 1     |               | 62       |           | T         | Τ            | T        |              | T        | 1  |          | T   |
| _   | 1        | 13       |              | 7        | 1          |           |  |           |               |              |              |          |       |               | 63       |           |           |              |          |              |          |  |          | Γ   |
|     | 12       | 14       | _            | V        |            |           |  |           |               |              | Ľ            |          | ]     |               | 64       | $\perp$   |           |              | L        |              |          |  |          | Ι   |
| ~   | 7        | 16:      | _            | 4        | <u>ソ</u>   | ╙         |  | L         | ┖             | _            | L            | 1_       |       | L             | 65       |           | _         | _            | L        | 1_           | _        | L  | /        | L   |
| .,- | Щ        | 16       | _            | V        | 11         | Ļ         | ļ  |           | -             | <u> </u>     | _            |          | ļ     |               | 66       | _         | 1         | _            | _        | ↓_           | <u> </u> | <u> </u>   | _        | L   |
|     | Ļ        | 17       |              |          |            | <u> </u>  | ļ  | Ļ         | <b> </b>      | ╀            | ↓_           | ऻ_       |       |               | 67       | 4         | -         | 1            | ├-       | <del> </del> | <u> </u> |  | L        | L   |
|     | L        | 18       | Н            | <u></u>  | _          | -         | ⊢  | ┡         | ╁.            | ╀            | _            | -        | '     | <b> </b>      | 68       | +         | -         | ╀            | }        | ╁            | ļ.,      | ⊢  | ├        | ╀   |
| •   | <u> </u> | 19       | <u> </u>     | -        |            | ⊢         |  | $\vdash$  | ╀             | ╀            | ┝            | ╄-       | ł     | H             | 69       | - -       | +-        | ╀            | ╀        | ┢            | -        | ļ  | ├-       | ╀   |
|     | <u> </u> | 20       |              |          |            | L         | ┝  | ┡         | ╀             | ╀            | -            | ╀        | 1     | $\vdash$      | 70       | -         | 4         | ├-           | ╀        | ₽            | -        | ┝  | ⊢        | L   |
|     | <u> </u> | 21       | Н            |          |            | H         | ├  | ┞         | ⊢             | ╀            | ┝            | ┝        |       | Н             | 71       | +-        | +         |              | ┼-       | -            | ┢        | ⊢  | <u> </u> | L   |
|     |          | 22       |              |          | _          |           | ⊢  | ┝         | ┼-            | ╀            | ├            | ├        | İ     | Н             | 72<br>73 | +         | ╁         | -            | -        | ├-           | ├        | ├  | ⊢        | ┞   |
|     |          | 24       |              |          |            | -         |  | ╁         | ┝             | $\vdash$     | -            | ╁        | ł     | Н             | 74       |           | ┿         | ╁            | ┢        | ╁╴           | ╁╴       | ├  | -        | H   |
|     | H        | 25       | $\vdash$     |          |            | -         |  | H         | ╁╌            | <del> </del> | ┢            | -        |       | $\vdash$      | 75       | +         | ╁         | ┼            | $\vdash$ | $\vdash$     | $\vdash$ | ┝╌   |          | H   |
|     |          | 26       | -            | H        |            | -         | $\vdash$   | H         | $\vdash$      | 1            | ┰            | ┢        |       | Н             | 76       | +         |           | †-           | $\vdash$ | 1-           |          | -  | -        | H   |
|     |          | 27       |              | П        |            | Н         | $\vdash$   |           | $\vdash$      | H            | H            | T        |       | H             | 77       | ╅         | T         | $\vdash$     | †        | $\vdash$     |          | H  | _        | ┢   |
|     |          | 28       |              |          |            |           |  |           | İ             | T            | Ħ            | !        |       |               | 78       | 1         | †-        | T            | t        | T            |          | <b></b>  | _        | r   |
|     | _        | 29       |              |          |            |           |  |           |               |              | Г            |          |       |               | 79       |           | T         |              |          |              |          |  |          | Γ   |
| Ì   |          | 30       |              |          |            |           |  |           |               |              |              |          |       |               | 80       |           |           |              |          |              |          |  |          | Γ   |
|     |          | 31       |              |          |            |           |  |           |               |              |              |          |       |               | 81       | $\perp$   |           |              | L        |              |          |  |          |     |
|     |          | 32       | _            |          |            |           |  |           | L             | ╙            | L_           | L        |       | Щ             | 82       | $\perp$   | L         | _            |          |              |          | Ш  |          | L   |
|     |          | 33       | _            |          | _          |           | L  | _         | ╙             | <u> </u>     | _            | L_       |       |               | 83       |           | L         | <u> </u>     | L        | _            | L        | L  | L        | L   |
|     |          | 34       | _            | _        | _          | _         | _  | <u> </u>  | -             | <b> </b>     | L            | _        |       | $\rightarrow$ | 84       | 4         | ļ         | Ŀ            | _        | _            |          |  | L        | L   |
|     |          | 35<br>36 | -            |          | -          | Н         | _  | ⊢         | -             | -            | -            | ⊢        |       |               | 85<br>86 | +         | ┾         | ⊢            | -        | <u> </u>     | <u> </u> |  | $\vdash$ | L   |
|     | _        | 37       | $\dashv$     | $\dashv$ | $\dashv$   | Н         |  | -         |               | -            | ⊢            | _        |       | -             | 87       | ┿         | ╀         | _            | -        | -            | <u> </u> |  | -        | -   |
| 1   |          | 38       | $\dashv$     | $\dashv$ | $\dashv$   | $\dashv$  | Н  | _         | $\vdash$      | ├            | -            | -        |       | -             | 88       | +         | +-        | ├            | -        |              |          |  |          | _   |
|     | -        | 39       | +            | -1       | $\dashv$   |           |  |           | -             |              | -            | $\vdash$ |       | $\rightarrow$ | 89       | ┰         | ┼─        | $\vdash$     |          | -            |          | Н  | $\vdash$ | _   |
|     |          | 40       |              | $\dashv$ | $\neg$     |           |  |           | $\vdash$      |              |              | Н        |       |               | 90       | +         | +-        | <del> </del> |          |              |          |  |          | _   |
|     |          | 41       | 1            | ┪        | -          | -         |  |           | H             |              | -            |          |       | $\vdash$      | 91       | +         | $\vdash$  | ┢╌           | -        | $\vdash$     |          |  | $\vdash$ | _   |
|     | -        | 42       | $\dashv$     | +        | -          | Н         |  |           | <del> -</del> | <del> </del> | H            |          |       |               | 92       | +         | $\vdash$  | -            |          | $\vdash$     | $\vdash$ | $\dashv$   | $\dashv$ | -   |
|     | î        | 43       | 7            | $\neg$   | _          |           |  |           |               | _            | $\vdash$     |          |       | -             | 93       | $\dagger$ | $\vdash$  |              |          | ۲            | H        | $\vdash$   | $\dashv$ | _   |
|     |          | 44       | 7            | 1        |            | $\exists$ |  |           |               |              |              |          |       | -             | 94       | $\top$    | $\vdash$  | $\vdash$     | -        |              | $\vdash$ | $\dashv$   | $\dashv$ | _   |
|     | 1        | 45       | _            |          |            |           |  |           |               |              | Т            | П        |       | _             | 95       | T         | T         |              | Н        |              |          | 7  | $\dashv$ | -   |
|     |          | 46       | 2            |          |            |           |  |           |               |              |              |          |       |               | 96       | T         |           | Г            | П        |              |          |  | T        | _   |
|     |          | 47       | - 1          | ╝        |            |           |  |           |               |              |              |          |       |               | 97       | Ι         | $L^-$     |              |          |              |          |  |          |     |
|     |          | 48       | ٤            | I        | $\Box$     |           |  |           |               |              |              |          |       | -             | 98       |           |           |              |          |              |          |  |          | _   |
|     | _        |          | _            | _        | _          | _         |  |           |               | L            | Ш            | Ш        | - 1   |               | 99       |           | igsquare  |              |          |              |          |  |          | _   |
| Į   |          | 50       |              | Ц        | _          |           |  |           |               | L            | Ш            |          | ŀ     |               | 00       |           | <u> </u>  |              |          |              |          | I  |          | _   |
|     |          |          |              |          |            |           |  |           |               |              |              |          |       |               |          |           |           |              |          |              |          |  |          |     |

| Cla      |          | r-       |          |    | <u> </u> | -             |          |              |          |          |          |
|----------|----------|----------|----------|----|----------|---------------|----------|--------------|----------|----------|----------|
| Ciè      | ı        | ⊢        | т        | Υ- | -        | Da            | T        | _            |          | т-       | _        |
| Final    | Original |          |          |    |          |               |          |              |          |          |          |
|          | 101      |          | П        | Т  | Т        |               | Τ        |              |          | П        | Π        |
|          | 102      |          | +-       | T  | T        |               | t        | T            |          | 1        | †        |
| _        | 103      | $\vdash$ | +        | +  | †        | t             | T        | $^{\dagger}$ | 1        | +-       | $t^-$    |
|          | 104      |          | ╫        | +  | +        | +-            | ╁        | ╀            | ⊢        | ⊢        | ╀        |
| ⊢        | 105      | ┝        | ╁╴       | ┼~ | +-       | +-            | ╁        | +            | ┢        | $\vdash$ | ╁        |
|          | 106      | ┝        | ╁┈       | ╁  | ╁        | ╁             | ┾        | -            | -        | ⊢        | -        |
| -        | 107      | H        | ╀        | +  | +        | ╀             | ļ        | ┼            | ┝        | ├        | ╀╌       |
| ⊢        |          | $\vdash$ | ╀        | ╀  | ╀        | ╀             | ┼        | -            | ├-       | ₩.       | ┢        |
| $\vdash$ | 108      |          | +        | -  | $\vdash$ | ├             | -        | ╄            |          | <u> </u> | -        |
| <u> </u> | 109      |          | -        | 1  | ╄        | -             | 1        | 1            | <u> </u> | ļ        | _        |
|          | 110      |          | ļ.,      | ļ  | ↓_       | -             | <u> </u> | Ļ.,          | ļ        | _        | _        |
|          | 111      | L        | <u> </u> | ļ. | <u> </u> | <del>↓.</del> | ļ        | _            | <u> </u> | _        |          |
| $\Box$   | 112      | _        | _        | ↓_ | ↓_       | <u> </u>      | 1_       | <u> </u>     | <u> </u> | ┖        | ┖        |
|          | 113      |          | <u> </u> | ┖  | ـــ      | _             | L        | <u> </u>     |          |          |          |
|          | 114      |          | ┖        |    | ┖        | L             | L        |              | L.       |          |          |
|          | 115      |          |          |    |          |               | L        | L            |          |          | L        |
|          | 116      |          |          |    |          |               |          |              |          |          |          |
|          | 117      |          | L        |    |          |               | L        |              |          |          |          |
|          | 118      |          |          |    |          |               |          |              |          |          |          |
|          | 119      |          |          |    |          |               |          | [            |          |          |          |
|          | 120      |          | Г        |    |          |               |          |              |          |          |          |
|          | 121      |          | T        |    |          |               |          | _            | _        |          | Т        |
|          | 122      | _        |          | Т  | Т        | $\vdash$      | _        |              |          | Г        | <u> </u> |
|          | 123      |          |          | Г  | 1        |               |          |              | _        | Г        |          |
|          | 124      |          |          |    | T        |               | Г        | ļ —          |          | Г        |          |
|          | 125      |          |          |    |          | Г             | Г        | _            |          |          |          |
|          | 126      |          |          | Г  |          |               |          |              |          |          |          |
| T        | 127      |          |          |    |          | 1             |          |              |          |          |          |
|          | 128      |          |          |    | П        | П             |          |              |          |          |          |
|          | 129      |          |          |    | Γ        |               | Г        | _            |          | _        |          |
| - 1      | 130      |          |          |    |          |               | $\Box$   |              |          |          |          |
|          | 131      |          |          |    |          |               |          |              |          |          |          |
| 7        | 132      |          |          |    |          |               | П        |              |          |          |          |
| 7        | 33       |          |          |    |          |               |          |              |          |          |          |
| 7        | 134      |          |          |    |          |               | _        |              |          |          |          |
|          | 135      |          |          |    |          |               |          |              |          |          |          |
| 7        | 36       |          |          |    |          |               |          |              |          |          |          |
| 7        | 137      |          |          |    |          |               |          |              |          |          |          |
| -        | 38       |          |          |    | _        |               |          |              |          |          |          |
|          | 39       |          |          |    |          |               |          |              |          |          |          |
|          | 40       |          |          |    |          |               |          |              |          |          |          |
|          | 141      |          |          |    |          |               |          |              | 7        |          |          |
|          | 42       |          | -        |    |          | $\vdash$      | $\neg$   | 1            | 一        | $\dashv$ | $\neg$   |
| 1        | 43       | 7        |          | _  | $\vdash$ | $\vdash$      | $\dashv$ | $\neg$       | $\dashv$ | $\dashv$ | -        |
| _        | 44       |          |          |    | $\vdash$ | $\dashv$      | $\dashv$ | $\dashv$     | -        | $\dashv$ | -        |
|          | 45       | $\dashv$ |          |    | Н        | $\dashv$      | $\dashv$ |              | $\dashv$ | -        | $\dashv$ |
| -        | 46       | $\dashv$ | _        |    | H        | $\dashv$      | -        | $\dashv$     | $\dashv$ | -        |          |
|          | 47       | $\dashv$ |          |    | $\vdash$ | -             |          | $\dashv$     | +        | -        | $\dashv$ |
|          | 48       | $\dashv$ | -        |    | $\vdash$ |               | $\dashv$ |              | -        | $\dashv$ |          |
|          | 49       | $\dashv$ | -        |    | $\vdash$ | -             | -        | $\dashv$     | $\dashv$ | $\dashv$ | $\dashv$ |
| -   '    | 50       | $\dashv$ |          |    | $\vdash$ | -             | {        | $\dashv$     | $\dashv$ | $\dashv$ | $\dashv$ |
| !        | ~~       |          |          |    |          |               |          |              |          |          |          |

If more than 150 claims or 10 ac DEST AVAILABLE COPY staple additional sheet here